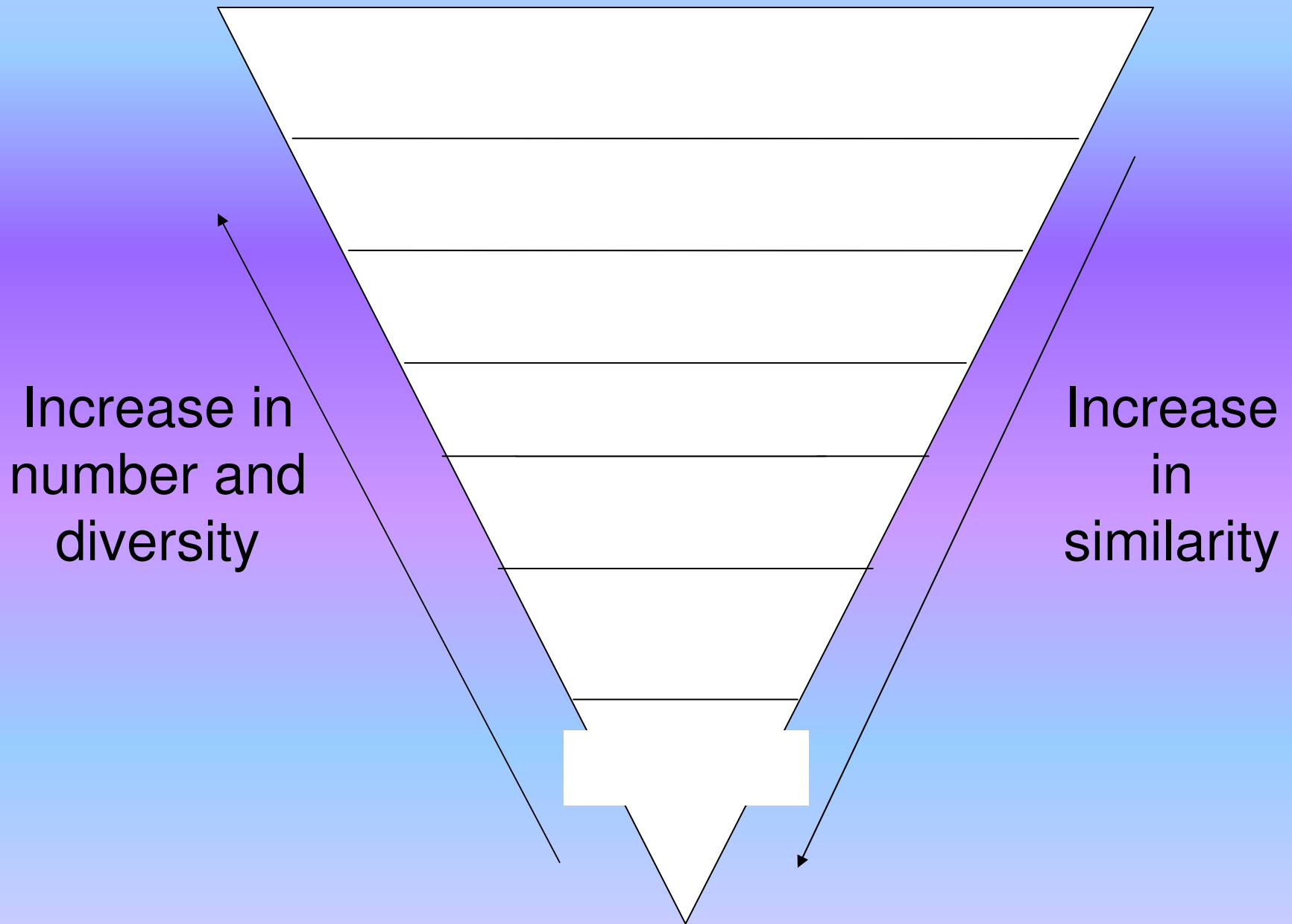
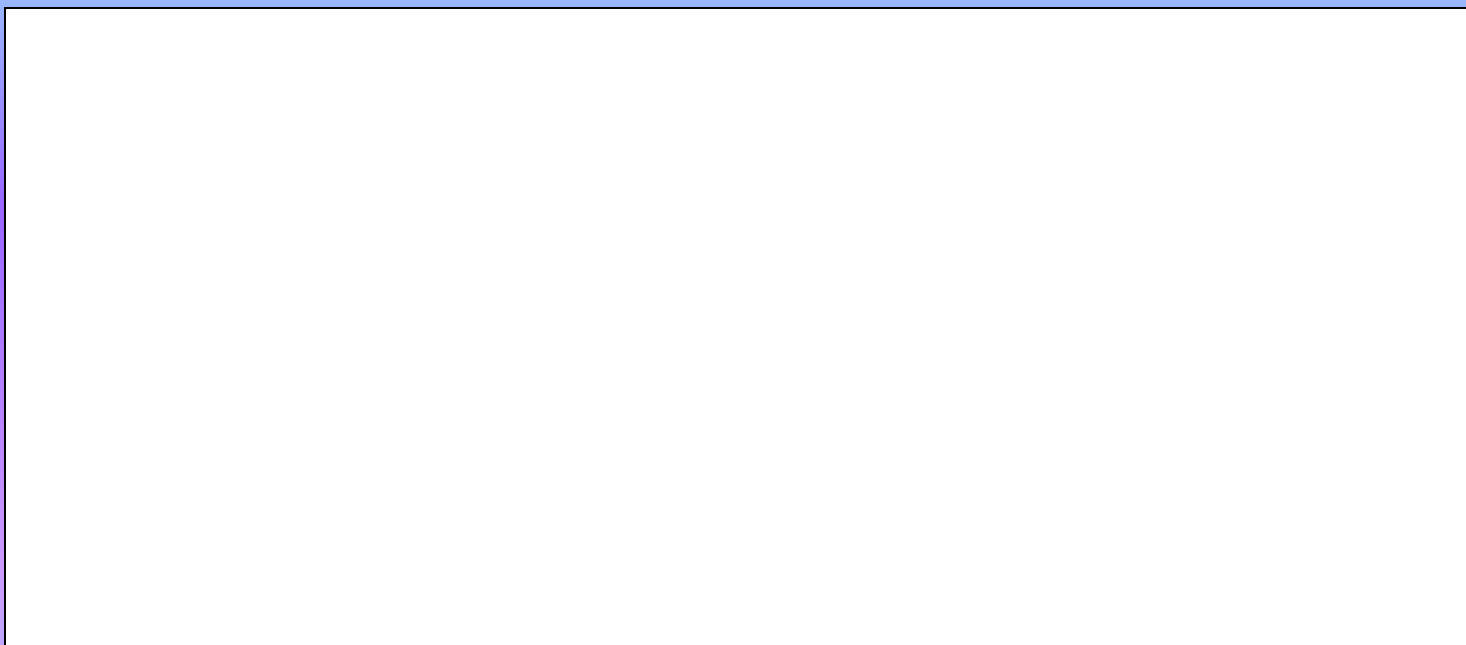


Classification Groups

King Phillip Came Over From Green Spain





Six Kingdoms

1. Archaeobacteria – ancient bacteria
2. Eubacteria – true bacteria
3. Protista –protists
(Ex: amoeba, paramecium, algae, slime molds)
4. Fungi – fungus
(Ex: mushrooms, yeast, other molds)
5. Plantae - plants
6. Animalia – animals

Prokaryotes = organisms that do not
have membrane-bound nuclei
(pro = before)

–Archaeobacteria and Eubacteria

Eukaryotes = organisms made of cells
that contain membrane-bound nuclei
(eu = true)

–Protista, Fungi, Plantae, Animalia

Unicellular = made of one cell

–Archaeobacteria, Eubacteria,
Protista

Multicellular = an organism that
consists of more than one cell

–Fungi, Plantae, Animalia

How are organisms placed into kingdoms?

- Cell type (complex or simple)
- # of cells
- How they obtain their nutrients

See Phylogenetic Tree of Six Kingdoms